## HEALTH RISKS ASSOCIATED WITH ANIMAL EXPERIMENTS: What risks are there?

| Allergy              | to the animals<br>to bedding, nesting material and food<br>to chemicals used in the facility or in the experiment (irritation or<br>allergy)<br>to latex gloves               |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physical injury      | bites, kicks, scratches, cuts<br>heavy lifts (feed and bedding sacks, chemical containers, cages)<br>while operating machinery (autoclaves, washing machines,<br>instruments) |
| Psychological trauma | when animals become ill<br>during some operations and methods of killing<br>when talking with friends/family                                                                  |
| Infection / zoonoses | from the feed, water, bedding, ventilation plant,<br>instruments<br>from the animals<br>from pests<br>from pets<br>experimental infection                                     |
| Chemical hazards     | the facility's own chemicals (disinfectants, detergents,<br>anaesthesia gases)<br>chemicals used in the experiment                                                            |
| Radiation            | radioactive isotopes<br>X-ray machines                                                                                                                                        |

Common factor for many of these: • they are invisible

## HEALTH RISKS ASSOCIATED WITH ANIMAL EXPERIMENTS: Who is at risk?

| Researchers<br>Animal technicians<br>The laboratory anima<br>The competent person<br>Office staff |                                                       |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Craftsmen                                                                                         | electricians                                          |
|                                                                                                   | plumbers                                              |
|                                                                                                   | carpenters                                            |
|                                                                                                   | those carrying out repairs                            |
|                                                                                                   | those delivering supplies or installing new equipment |
| Sales representatives                                                                             |                                                       |
| Cleaning personnel                                                                                |                                                       |
| Refuse disposal personnel                                                                         |                                                       |
| Security personnel                                                                                |                                                       |
| Visitors                                                                                          | schoolchildren                                        |
|                                                                                                   | journalists                                           |
|                                                                                                   | inspectors                                            |

+ families, friends and work colleagues of all of these...

Common factor for many of these:

- they are in the facility after normal working hours
- they have little knowledge of, or fear of potential health risks
- they are women and men in their most fertile period

## CONCLUSION:

- Discuss risks in advance
- Be realistic about the facility's level of competence
- Write SOP's that cover the most important Health & Safety issues
- Confess accidents
- Limit the damage and clean up after you